

# Curriculum Vitae

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## **Joao Manuel F. Marreiros**

TraCER-MONREPOS Archäologisches Forschungszentrum und  
Museum für menschliche Verhaltensevolution, RGZM  
Schloss Monrepos  
56567 Neuwied  
Germany



### *2<sup>nd</sup> institutional affiliations*

- Associated scientist  
ICArEHB, Interdisciplinary Center for Archaeology and Evolution of Human Behaviour,  
*FCHS, Universidade do Algarve*
- Assistant professor  
Laboratório de Arqueologia Pinho Monteiro. Department of Archaeology, School of Social Sciences  
*University of Évora*

### *Contact:*

Email: [mmarreiros@rgzm.de](mailto:mmarreiros@rgzm.de), [joaomfmarreiros@gmail.com](mailto:joaomfmarreiros@gmail.com)

Webpage: <https://www.joaomarreiros.com> | <http://www.icarehb.com/marreiros/>

Web: [https://www.researchgate.net/profile/Joao\\_Marreiros2](https://www.researchgate.net/profile/Joao_Marreiros2)

### *Home address:*

Mayener Str. 11  
56070, Koblenz  
Germany

### *Research profiles:*

ORCID: <https://orcid.org/0000-0002-3399-8765>

CiênciaID (myFCT, Portugal): 6A10-F340-45CF, <https://www.cienciavitae.pt/pt/6A10-F340-45CF>

Scholar Google: <https://scholar.google.com/citations?user=eR0P8TYAAAAJ&hl=pt-PT>

Twitter: <https://twitter.com/jmmarreiros>

Github: <https://github.com/jmmarreiros>

Figshare: [https://figshare.com/authors/Joao\\_Marreiros/2801788](https://figshare.com/authors/Joao_Marreiros/2801788)

Publons: <https://publons.com/a/1534012/>

## **1. Academic positions**

Since 2017. **Junior Research Group Leader**. TraCER, Traceology laboratory. Römisch-Germanisches Zentralmuseum -Forschungsinstitut für Archäologie (RGZM), Archaeological Research Institute. MONREPOS Archaeological Research Centre and Museum for Human Behavioural Evolution. Research infrastructure grant, Eur 2.9 million.

Since 2017. **Adjunct Lecture**. Johannes Gutenberg-Universität Mainz, Mainz. Germany.

Since 2013. **Visiting assistant Professor**. Universidade do Algarve. Faculdade das Ciências Humanas e Sociais. Campus Gambelas, Faro. Portugal.

Since 2013. **Associated scientist** at the ICArEHB, International research Centre for archaeology and evolution of Human behavior. Universidade do Algarve, Portugal.

2014-2016. **Postdoctoral fellow** (Jan 2014 - Dez 2016) at ICArEHB Universidade do Algarve (Faro, Portugal) and Instituto Milà I Fontanals Consejo Superior de Investigaciones Científicas (Barcelona, Spain). Project title “*The contribution of use-wear and residue analysis for the study of the Earliest Anatomically Modern Humans in Southwestern Iberian Peninsula*”. Funding: Fundação para a Ciência e Tecnologia (SFRH/BPD/94668/2013). Supervisors: Nuno F. Bicho, ICArEHB, Universidade do Algarve, Portugal and Juan Gibaja, CSIC-IMF, Barcelona.

## **2. Education**

2009 – 2013. **Ph.D.** in Archaeology, University of Algarve, Portugal. Dissertation title: “*Lithic variability and organization during the Gravettian in SW Iberian Peninsula*”. Supervisors: Nuno Bicho and Juan Gibaja.

2007 – 2009. **Master** (MA) in Archaeology, University of Algarve, Portugal. Dissertation title: “*The first anatomically modern human populations in the SW Iberia. Paleo-technological and paleo-ethnographic*”

*reconstruction of the Gravettian and Solutrean occupations in Vale Boi (Southern Portugal)*". Supervisors: Nuno Bicho and Juan Gibaja.

2003 – 2007. Licenciatura (**BA studies**) in Cultural Heritage, University of Algarve, Portugal. Dissertation title: "*Lithic technological analysis of the Magdalenian occupation from Costa do Pereiro*". Supervisor: Nuno Bicho.

#### *Research interests*

Paleolithic archaeology, lithic technological and typological analysis, lithic use-wear analysis, experimental archaeology, field archaeology.

#### **3. Fellowships and distinctions**

2017 – 2019. **Marie Curie Individual Fellowships (IF)** (MSCA-IF-EF-ST). "*StoneUseWear, Using controlled experiments and 3D data quantification to understand stone use-wear formation*". Total score: 98.8%. Department of Human Evolution, Max Planck Institute for Evolutionary Anthropology, Leipzig

2015 – 2018. **FCT Postdoctoral fellowship**, at ICArEHB, Universidade do Algarve (Faro, Portugal) and Instituto Milà I Fontanals Consejo Superior de Investigaciones Científicas (Barcelona, Spain).

2010 – 2014. **FCT PhD fellowship**, at ICArEHB, Universidade do Algarve (Faro, Portugal), FCT SFRH/BD/65301/2009.

2003 – 2007. **Thesis prize** (Bachelor thesis), awarded by the Associação Arqueológica do Algarve (Archaeological Society of Algarve, Portugal). Eur 1000

#### **4. Research grants and other funding**

2017. PaleoCoast Paleolithic human coastal adaptation in southwestern Iberian Peninsula. Funded by Associação Arqueológica do Algarve, Eur 2000 (2017 survey field season).

2010. Participation grant for poster contribution in Paleoanthropology Society meeting Annual meeting, 2010. St. Louis, USA

#### **5. Teaching**

##### *University course*

Since 2017. Use-wear and residue analysis in archaeology. Block course. Vor- und Frühgeschichtliche Archäologie, Übungen. Johannes Gutenberg-Universität Mainz, Mainz. Germany. (English)

Since 2017. Quantitative methods in archaeological analysis. Block course. Vor- und Frühgeschichtliche Archäologie, Übungen. Johannes Gutenberg-Universität Mainz, Mainz. Germany. (English)

Since 2015. Use-wear and residue analysis in archaeology. PhD program. Universidade do Algarve, Portugal (English)

2012 – 2016. Pleistocene Hunter-Gatherers from Iberian Peninsula. B.A. program Universidade do Algarve, Portugal (Portuguese).

2009 – 2011. Theory and Methods of laboratory analysis – lithic technology. B.A. program Universidade do Algarve, Portugal (Portuguese).

2009 – 2011. Excavation methods and techniques. B.A. program Universidade do Algarve, Portugal (Portuguese).

##### *Postdoctoral supervision*

Since Jan 2021. Dr. Lisa Schunk. TraCEr, MONREPOS, RGZM.

Since Jan 2021. Dr. Eduardo Paixao. TraCEr, MONREPOS, RGZM.

2017-2020. Dr. Ivan Calandra. TraCEr, MONREPOS, RGZM.

2018-2020. Dr. Antonella Pedernana, TraCEr, MONREPOS, RGZM.

##### *Supervising and Co-supervising PhD and Master students*

2018-2020. Eduardo Paixao, PhD candidate. "*Groundbreaking technologies in the Middle Paleolithic of the Levant: High resolution functional analyses of Ground Stones Tools*". University of Mainz.

2018-2020. Lisa Schunk, PhD candidate. "*Morpho-functional design of asymmetric tools – use-wear analysis and controlled experiments as an approach to understand technological ability of Late Neanderthals*". University of Mainz.

2019-2021. Daniel Lauer, PhD candidate. "*Use-wear analysis of the Aurignacian lithic assemblage from Breitenbach*". University of Mainz.

2018-2017. Lena Zoll, Master student. *Tracing the Past: Use-Wear and Taphonomy on Osseous Materials. A Case Study on a horse rib from the Middle Palaeolithic open-air site of Salzgitter-Lebenstedt (Lower-Saxony, Germany)*. University of Mainz, Germany

##### *Student supervision or co-supervision during internships*

2019. 2018-2021. Youssef Djellal, PhD candidate. “Origins of the Cognitive Complexity: a multidisciplinary approach from 100,000 B.C.E North African sequences”. Internship at TraCER MONREPOS.

2019. Patricia Bello Alonso. PhD candidate, Centro de Investigación sobre la Evolución Humana (CENIEH, Burgos-Spain). “Functional study of the Acheulean lithic industry of Thiongo Korongo archaeological site in Olduvai Gorge” Internship at TraCER MONREPOS.

2019. Ana Álvarez Fernández. PhD candidate. University of Burgos. “Functional analysis on the Mousterian lithic assemblages of the Galería de las Estatuas (Sierra de Atapuerca, Burgos) and Navalmaíllo Rock Shelter (Pinilla del Valle, Madrid, Spain) sites”. Internship at TraCER MONREPOS.

## **6. Research projects**

As director and co-director

Since 2017. PaleoCoast (PI), Paleolithic human coastal adaptation in southwestern Iberian Peninsula. Sagres, Portugal.

Since 2017. Transaire (PI), The Late Pleistocene-Holocene transition in Iberian Peninsula: human ecological and technological adaptation, and the Epipaleolithic mosaic in central Portugal. Torres Novas, Portugal.

Since 2015. EcoPis (co-PI), Human occupation in the Pleistocene Ecotones of River Lis. Leiria, Portugal. Web: ecoplis.jimdo.com

2006 – 2007. Carta arqueológica subaquática do Concelho de Lagos, Portugal. Underwater archaeological survey in Lagos’s bay.

### *As invited specialist*

Since 2018. TransCause – Pleistocene Cultural transformations and population dynamics in Southern Caucasus

Since 2018. Middle Paleolithic seasonal land use adaptations in the Armenian volcanic highlands:

Excavations at Kalavan 2. Funded by Leakey

Since 2016. Settlement of Homo sapiens in Central North Bulgaria, chronostratigraphy and Pleistocene paleoenvironment in the context of the Lower Danube valley. Funded by NAIM-BAS (Bulgaria) and Max Planck Institute for Evolutionary Anthropology (MPI-EVA), Leipzig.

2013 – 2015. Middle Stone Age archaeology and the origins of modern humans in southern Mozambique. Funded by FCT PTDC/EPH-ARQ/4998/2012

2011 – 2014. The last Neanderthals and the emergence of Modern Humans in Southwestern Iberia. Funded by FCT PTDC/HIS-ARQ/117540/2010.

2011 – 2014. The last hunter-gatherers of Muge (Portugal): the origins of social complexity. Funded by FCT PTDC/HIS-ARQ/112156/2009.

### *As Younger Researcher (PhD student)*

2009 – 2015. Younger researcher, SPLASHCOS – Submerge prehistoric archaeology and landscape of the continental shelf. European Cooperation in the field of Scientific and Technical Research (COST).

## **7. Associated editor**

Lithic of Journal Studies (Open Access publication)

## **8. Reviewer (paper and project proposals)**

Archaeological and Anthropological sciences

Quaternary International

Quaternary Science Reviews

Quartär

Journal of Archaeological Sciences

Journal of Archaeological Sciences: Reports

Nature Scientific Reports

Journal of Archaeological Methods and Theory

PlosOne

Journal of Paleolithic Archaeology

Leakey Foundation

Journal of the Royal Society Interface

## **9. Publications**

h-index: 15

i10-index: 23

## Books and edited volumes

### Published

1. Gibaja, J., Clemente, I., Mazzucco, N., Marreiros, J. (Eds.) 2020. Hunter-Gatherers Toolkit: A functional perspective. Cambridge Scholars Publishing.
2. Marreiros, J., Gibaja, J., Bicho, N. (Eds.) 2015. Use-Wear and residue analysis in archaeology. Manuals in archaeological method, theory and technique series. Springer.
3. Marreiros, J., Gibaja, J., Bicho, N. (Eds.) 2014. Proceedings of the International conference on Use-Wear analysis, Use-Wear 2012. Cambridge Scholars Publishing.

### Published

1. Paixao, E., Pedergnana, A., Marreiros, J., Dubreuil, L., Prevost, M., Zaidner, Y., & Gneisinger, W. 2021. Using mechanical experiments to study ground stone tool use: Exploring the formation of percussive and grinding wear traces on limestone tools. *Journal of Archaeological Science: Reports*, 37, 102971. <https://doi.org/10.1016/j.jasrep.2021.102971>
2. Paixao, E., Marreiros, J., Dubreuil, L., Gneisinger, W., Carver, G., Prévost, M., Zaidner, Y. 2021. The Middle Paleolithic ground stones tools of Nesher Ramla unit V (Southern Levant): A multi-scale use-wear approach for assessing the assemblage functional variability. *Quaternary International*. <https://doi.org/10.1016/j.quaint.2021.06.009>
3. Malinsky-Buller, A., Glaberman, P., Ollivier, V., Lauer, T., Timms, R., Frahm, E., Brittingham, A., Triller, B., Kindler, L., Knul, M., Krakovsky, M. Joannin, S., Wren, M., Bellier, O., Clark, A., Blockleu, S., Arakelyan, D., Marreiros, J., Paixao, E., Calandra, I., Guhkasvan, R., Nora, D., Nir, N., Adigyozyan, A., Haydosyan, H. Gasparyan, B. 2021. Short-term occupations at high elevation during the Middle Paleolithic at Kalavan 2 (Republic of Armenia). *PloS one*, 16(2), e0245700. <https://doi.org/10.1371/journal.pone.0245700>
4. Pedergnana, A., Calandra, I., Konstantin, B., Gneisinger, W., Paixão, E., Schunk, L., Hildebrandt, A., Marreiros, J. 2020. Evaluating the microscopic effect of brushing stone tools as a cleaning procedure. *Quaternary International*, 569, 263-276. <https://doi.org/10.1016/j.quaint.2020.06.031>
5. Lin, S., Marreiros, J. 2020. Quina Retouch Does Not Maintain Edge Angle Over Reduction. *Lithic Technology*. <https://doi.org/10.1080/01977261.2020.1819048>
6. Marreiros, J., Pereira, T., & Iovita, R. 2020. Controlled experiments in lithic technology and function. *Archaeological and Anthropological Sciences*, 12(6), 110. <https://doi.org/10.1007/s12520-020-01059-5>
7. Hublin, J. Sirakov, N., Aldeias, V., Bailey, S., Bard, E., Delvigne, V., Faugault, Y., Fewlass, H., Hajdinjak, M., Kromer, B., Krumov, I., Marreiros, J., Martisius, N., Paskulin, L., Sinet-Mathiot, V., Meyer, M., Pääbo, S., Popov, V., Rezek, Z., Sirakova, S., Skinner, M., Smith, G., Spasov, R., Talamo, S., Tuna, T., Wacker, L., Welker, F., Wilcke, Q., Zahariev, N., McPherron, S., Tsanova, T., 2020. Initial Upper Paleolithic Homo sapiens remains from Bacho Kiro Cave (Bulgaria). *Nature*. <https://doi.org/10.1038/s41586-020-2259-z>
8. Marreiros, J., Calandra, I., Gneisinger, W., Paixao, E., Pedergnana, A., Schunk, L. 2020. Rethinking functional analysis as applied to the study of past hominin tool use. *Journal of Paleolithic Archaeology*. <https://doi.org/10.1007/s41982-020-00058-1>
9. Calandra, I., Gneisinger, W., Marreiros, J. 2020. A versatile mechanized setup for controlled experiments on archaeology. *Journal of Science and Technology of Archaeological Research*. <https://doi.org/10.1080/20548923.2020.1757899>
10. Gameiro, C., Aubry, T., Almeida, F., Dimuccio, L., Gabriel, S., Gaspar, R., Xavier, P. (2020). Archaeology of the Pleistocene-Holocene transition in Portugal: Synthesis and prospects. *Quaternary International*. <https://doi.org/10.1016/j.quaint.2020.03.018>
11. Haws, J.A., Benedetti, M.M., Funk, C.L., Bicho, N.F., Pereira, T., Marreiros, J., Daniels, J.M., Forman, S.L., Minckley, T.A., Denniston, R.F., 2020. Late Pleistocene Landscape and Settlement Dynamics of Portuguese Estremadura. *Journal of Field Archaeology* 0, 1–27. <https://doi.org/10.1080/00934690.2020.1733780>
12. Calandra, I., Schunk, L., Bob, K., Gneisinger, W., Pedergnana, A., Paixao, E., Hildebrandt, A., Marreiros, J., 2019. The effect of numerical aperture on quantitative use-wear studies and its implication on reproducibility. *Scientific Reports* 9, 6313. <https://doi.org/10.1038/s41598-019-42713-w>
13. Calandra, I., Pedergnana, A., Gneisinger, W., Marreiros, J., 2019. Why should traceology learn from dental microwear, and vice-versa? *Journal of Archaeological Science* 110, 105012. <https://doi.org/10.1016/j.jas.2019.105012>.

14. Calandra, I., Schunk, L., Rodriguez, A., Gneisinger, W., Pedergnana, A., Paixao, E., Pereira, T., Iovita, R., Marreiros, J., 2019. Back to the edge: relative coordinate system for use-wear analysis. *Archaeol Anthropol Sci*. <https://doi.org/10.1007/s12520-019-00801-y>
15. Paixão, E., Marreiros, J., Pereira, T., Gibaja, J., Cascalheira, J., Bicho, N., 2019. Technology, use-wear and raw material sourcing analysis of a c. 7500 cal BP lithic assemblage from Cabeço da Amoreira shellmidden (Muge, Portugal). *Archaeol Anthropol Sci* 11, 433–453. <https://doi.org/10.1007/s12520-018-0621-y>
16. Assis, S., Branco, R., Carvalho, V., Dias, R., Duarte, C., Évora, M., Farias, A., Holliday, T., Marreiros, J., Matias, R., Monteiro, P., Nora, D., Paixão, E., Pereira, T., 2019. An unusual coronoid fracture in a fragment of ulna recovered from the Prehistoric site of Buraca da Moira Rock Shelter (Boa Vista, Leiria). *Antropologia Portuguesa* 35, 69–82. <https://impactum-journals.uc.pt/antropologiaportuguesa/article/download/6225/5079/>
17. Marreiros, J., Gibaja, J., Bicho, N., 2018. Lithic use-wear analysis of the Early Gravettian of Vale Boi (Cape St. Vicente, southern Portugal): insights into human technology and settlement in southwestern Iberia. *Archaeol Anthropol Sci* 10, 631–645. <https://doi.org/10.1007/s12520-016-0382-4>
18. Sirakov, N., Tsanova, T., Hublin, J.-J., Sirakova, S., McPherron, S. P., Talamo, S., Marreiros, J., Smith, G., Fewllas, H., Krumov, I., Spassov, R., Rezek, Z., Sinet-Mathiot, V., Zahariev, N. 2017. Reopened Bacho Kiro - new data on Middle/Upper Palaeolithic transition and Early-Middle stages of Upper Palaeolithic. In *Archaeological discoveries and excavation from 2016* (pp. 32-36). Sofia: NIAM-BAN.
19. Carvalho, A.F., Valente, M.J., Marreiros, J. 2016. Mosaic adaptations of Early Holocene hunter-gatherers in central Portugal: lithic and faunal evidence from the open air site of Costa do Pereiro (Torres Novas). *Quartar* 63, 169-187. [http://www.quartaer.eu/pdfs/2016/2016\\_09\\_carvalho.pdf](http://www.quartaer.eu/pdfs/2016/2016_09_carvalho.pdf)
20. Bicho, N., Cascalheira, J., Marreiros, J., Pereira, T. 2017. Rapid climatic events, and long-term cultural change: the case of the Portuguese Upper Paleolithic. *Quaternary International*, 428 (Part B), 3-16. <https://doi.org/10.1016/j.quaint.2015.05.044>
21. Bradtmöller, M., Marreiros, J., Pereira, T., & Bicho, N. 2016. Lithic technological adaptation within the Gravettian of the Iberian Atlantic region: Results from two case studies. *Quaternary International*, 406, 3–24. <https://doi.org/10.1016/j.quaint.2015.08.075>
22. Pereira, T., Bicho, N., Cascalheira, J., Infantini, L., Marreiros, J., Paixão, E., & Terradas, X. (2016). Territory and abiotic resources between 33 and 15.6 ka at Vale Boi (SW Portugal). *Quaternary International*, 412, 124–134. <https://doi.org/10.1016/j.quaint.2015.08.071>
23. Bicho, N., Marreiros, J., Cascalheira, J., Pereira, T., Haws, J., 2014. Bayesian modeling and the chronology of the Portuguese Gravettian. *Quaternary International* 359-360, 499–509. <https://doi.org/10.1016/j.quaint.2014.04.040>
24. Marreiros, J., Bicho, N., Gibaja, J., Pereira, T., Cascalheira, J., 2014. Lithic technology from the Gravettian of Vale Boi: new insights into Early Upper Paleolithic human behavior in Southern Iberian Peninsula. *Quaternary International* 359-360, 479–498. <https://doi.org/10.1016/j.quaint.2014.06.074>
25. Tata, F., Cascalheira, J., Marreiros, J., Pereira, T., Bicho, N. 2014. Shell bead production in the Upper Paleolithic of Vale Boi (SW Portugal): an experimental perspective. *Journal of Archaeological Science* 42, 29-41. <https://doi.org/10.1016/j.jas.2013.10.029>
26. Marreiros, J., Bicho, N., 2013. Lithic technology variability and human ecodynamics during the Early Gravettian of Southern Iberian Peninsula. *Quaternary International* 318, 90–101. <https://doi.org/10.1016/j.quaint.2013.05.008>
27. Bicho, N., Manne, T., Marreiros, J., Cascalheira, J., Pereira, T., Tátá, F., Évora, M., Gonçalves, C., Infantini, L., 2013. The ecodynamics of the first modern humans in Southwestern Iberia: The case of Vale Boi, Portugal. *Quaternary International* 318, 102–116. <https://doi.org/10.1016/j.quaint.2013.06.029>
28. Bicho, N., Cascalheira, J., Marreiros, J., Gonçalves, C., Pereira, T., Dias, R., 2013. Chronology of the Mesolithic occupation of the Muge valley, central Portugal: The case of Cabeço da Amoreira. *Quaternary International* 308-309, 130–139. <https://doi.org/10.1016/j.quaint.2012.10.049>
29. Pereira, T., Cascalheira, J., Marreiros, J., Almeida, F., Bicho, N. 2013. Variation in quartzite exploitation during the Upper Palaeolithic of Southwest Iberian Peninsula. *Trabajos de Prehistoria* 69, 232–256. <http://tp.revistas.csic.es/index.php/tp/article/download/624/646>
30. Manne, T., Cascalheira, J., Évora, M., Marreiros, J., Bicho, N., 2012. Intensive subsistence practices at Vale Boi, an Upper Paleolithic site in southwestern Portugal. *Quaternary International* 264, 83–99. <https://doi.org/10.1016/j.quaint.2012.02.026>

*Papers and chapters in edited volumes*

Published

1. Bicho, N., Infantini, L., Marreiros, J. 2020. Portugal: Intertidal Archaeology and Submerged Coastal Landscapes, pp. 295-305. In Bailey, G., Galanidou, N., Peeters, H., Jöns, H., Mennenga, M. (Eds.) *The Archaeology of Europe's Drowned Landscapes*. Coastal Research Library 35. Springer.  
[https://doi.org/10.1007/978-3-030-37367-2\\_14](https://doi.org/10.1007/978-3-030-37367-2_14)
2. Marreiros, J., Bicho, N., Gibaja, J., Cascalheira, J., Pereira, T. 2016. Early Gravettian projectile technology in Southwestern Iberian Peninsula: the double backed and bipointed bladelets of Vale Boi (Portugal). In Iovita, R. & Sano, K. (Eds.) *Multidisciplinary Approaches to the Study of Stone Age Weaponry*. Vertebrate Paleobiology and Paleoanthropology Series, Springer, pp.147-158.
3. Marreiros, J., Mazzucco, N., Gibaja, J. 2015. State of art of use-wear studies. Marreiros, In J., Gibaja, J., Bicho, N. (Eds.) *Use-Wear and residue analysis in archaeology*. Manuals in archaeological method, theory and technique. Springer. Pp. 5-26.
4. Bicho, N., Marreiros, J., Gibaja, J. 2015. Use–Wear and Residue Analysis in Archeology. In J., Gibaja, J., Bicho, N. (Eds.) *Use-Wear and residue analysis in archaeology*. Manuals in archaeological method, theory and technique. Springer. Pp. 1-4.
5. Bicho, N., Cascalheira, J., Marreiros, J., Pereira, T. 2013. The Upper Paleolithic of Southern Portugal: 2006-2011. Noiret, P. (ed.) *Le Paléolithique supérieur européen. Bilan quinquennal 2006 – 2011*. Union Internationale des Sciences Préhistoriques et Protohistoriques, Commission VIII, ERAUL 130, pp. 120-134. Liège.
6. Monteiro, P. D., Cascalheira, J., Marreiros, J., Pereira, T., Bicho, N. 2014. Fire as a componente of Mesolithic funerary rituals: charcoal analyses from a burial in Cabeço da Amoreira (Muge, Portugal). Foulds, F., Drinkall, H., Perri, A., Clinnick, D., Walker, J. (ed.) *Wild Things: recent advances in Palaeolithic and*
7. Marreiros, J. & Cascalheira, J. *Paleolítico Superior e Mesolítico*. Carvalho, A. & Gibaja, J. (Eds). *Introdução ao Estudo da Pedra Lascada*. Edições Colibri, pp. 35-57. Lisboa.
8. Bicho, N., Cascalheira, J., Marreiros, J. 2013. On the (l)edge: the case of Vale Boi rockshelter (Algarve, Southern Portugal). Bergsvik, K. & Skeates, R. (eds). *Caves in Context: The Cultural Significance of Caves and Rockshelters in Europe*, pp. 134-156 Oxbow Books.
9. Marreiros, J., Cascalheira, J., Bicho, N. 2012 Flake technology from the Early Gravettian of Vale Boi (Southwestern Iberian Peninsula). In Pastoors, A. & Peresani, M. (Eds). *Flakes not blades: The role of flake production at the onset of the Upper Paleolithic in Europe*. *Wissenschaftliche Schriften des Neanderthal Museums* 5, Mettmann.

*Paper in conference proceedings*

In press (accepted)

1. Jesus, L., Marreiros, J., Cascalheira, J., Gibaja, J., Pereira, T., Bicho, N. In press. Occupation, functionality and culture. Preliminary results from microliths technology and use-wear analysis of Cabeço da Amoreira (Muge, Portugal). The Eighth International Conference on the Mesolithic in Europe will be held in Santander from 13th to 17th September 2010, Cantabrian International Institute for Prehistoric Research.
2. Bicho, N., Pereira, T., Umbelino, C., Jesus, L., Marreiros, J., Cascalheira, J. In press. The construction of a shell midden: the case of Cabeço da Amoreira, Muge (Portugal). The Eighth International Conference on the Mesolithic in Europe will be held in Santander from 13th to 17th September 2010, Cantabrian International Institute for Prehistoric Research.
3. Marreiros, J., Jesus, L., Cascalheira, J., Pereira, T., Gibaja, J., Bicho, N. In press. Shell we move? New technological approach to Mesolithic settlement patterns at Muge (Portuguese Estremadura). The Eighth International Conference on the Mesolithic in Europe will be held in Santander from 13th to 17th September 2010, Cantabrian International Institute for Prehistoric Research.
4. Marreiros, J., Jesus, L. In press. Itinerário virtual do sítio arqueológico Âncoras. *Actas do Congresso CAA Portugal 2007 (Associação para o Desenvolvimento das Aplicações Informáticas e Novas Tecnologias Aplicadas à Arqueologia)*, Leiria.

Published

1. Nora, D., Pereira, J., Monteiro, P., Paixao, E., Assis, S., Evora, M., Duarte, C., Marreiros, J., Carvalho, V., Holliday, T., Pereira, T. 2017. O abrigo da buraca da moira, leiria: resultados preliminares do projeto ecoplis II Congresso da Associação dos Arqueólogos Portugueses. Lisboa. pp. 391-401.
2. Pereira, T., Bicho, N., Cascalheira, J., Gonçalves, C., Marreiros, J., Paixao, E. 2015. Raw Material procurement in Cabeço da Amoreira, Muge, Portugal. In Bicho, N. (Ed.). *Proceedings of the Muge 150th anniversary of the discovery of the Mesolithic shell middens*. Cambridge Scholars Publishing, pp.147-160.
3. Umbelino, C., Gonçalves, C., Figueiredo, O., Pereira, T., Cascalheira, J., Marreiros, J., Évora, M., Cunha, E., Bicho, N. 2015. Life in the Muge shell middens: inferences from the new skeletons recovered from Cabeço

- da Amoreira. In Bicho, N. (Ed.). Proceedings of the Muge 150th anniversary of the discovery of the Mesolithic shellmiddens. Cambridge Scholars Publishing, pp.209-224.
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##### Oral contributions

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#### Poster presentation

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24. Pereira, T., Bicho, N., Cascalheira, J., Marreiros, J., Haws, J. 2011. The impact of raw material availability in the SW Iberian Paleolithic. European Society for Human Evolution Inaugural Meeting 2011. Max Plank Institute, Leipzig.
25. Jesus, L., Marreiros, J., Cascalheira, J., Gibaja, J., Pereira, T., Bicho, N. 2010. Occupation, functionality and culture. Preliminary results from microliths technology and use-wear analysis of Cabeço da Amoreira (Muge, Portugal). The Eighth International Conference on the Mesolithic in Europe will be held in Santander from 13th to 17th September 2010, Cantabrian International Institute for Prehistoric Research.

26. Cascalheira, J., Marreiros, J., Evora, M. 2010. From Gravettian to Solutrean in Southwestern Iberia: a technological perspective. Paleolithic Society annual meeting, 2010. St. Louis, Missouri.
27. Bicho, N., T. Manne, J. Marreiros, J., Cascalheira, F. Tata, J. Gibaja and M. Évora. 2010. On the edge: the Upper Paleolithic from Vale Boi, Algarve, Portugal and the arrival of the first modern humans to Southwestern Iberia. Paleolithic Society, Annual meeting. St. Louis, Missouri, USA.

#### **10. Organization of conferences, meetings and workshops**

- 2019. Co-organizer. International Seminar on Traceology, Theory and Methods in Archaeological Research. MONREPOS, Germany.
- 2019. Co-organizer. EAA 2019 session: “Functional analyses of Hunter-gatherers lithic tool assemblages”. University of Bern, Switzerland.
- 2017. Co-organizer. SAA 2017 symposium: “Controlled experiments in lithic technology and function”. Vancouver, Canada.
- 2012. Co-organizer. Use-Wear 2012. International Conference on Use-Wear analysis. Universidade do Algarve, Portugal.
- 2011. Co-organizer. JIA 2011. Jornadas de Jovens em Investigação Arqueológica. Universidade do Algarve, Portugal.

#### **11. Fieldwork – archaeological excavation and survey**

##### *Co-director*

Excavation of the Mesolithic shellmidden of Concheiro Cabeço da Amoreira (Muge). Co-coordination with Nuno Bicho, João Cascalheira and Telmo Pereira (2009-2015). Project: "The last hunter-gatherers in the Tagus Valley - the Muge shellmiddens".

Excavation of the Paleolithic site of Vale Boi (Algarve, Portugal). Project: "História de dois mares: ecologia do Paleolítico Superior em Vale Boi". Co-coordination with Nuno Bicho, João Cascalheira and Telmo Pereira.

Excavation of the Paleolithic site of Gruta Nova da Coumeira e Lapa do Suão (Bombarral). Coordination of Claudia Manso. Co-coordination with Nuno Bicho, Claudia Manso, João Cascalheira and Telmo Pereira.

##### *Volunteer*

Paleolithic site of Bacho Kiro (Bulgaria). Coordination de Shannon McPherron, Tsannova, T. and Sirakov, N.. Max-Planck Institute for Evolutionary Anthropology. 2015.

Paleolithic site of La Ferrassie (França). Coordination de Shannon McPherron, Harold Dibble and Dennis Sandgathe. Max-Planck Institute for Evolutionary Anthropology, University of Pennsylvania and Simon Fraser University. 2013.

Paleolithic site of La Ferrassie (França). Coordination de Shannon McPherron, Harold Dibble and Dennis Sandgathe. Max-Planck Institute for Evolutionary Anthropology, University of Pennsylvania and Simon Fraser University. 2012.

Paleolithic site of Ribeiros de Lagoa Seca (Alcobaça). Coordination of Jonathan Haws (University of Louisville, USA). 2011.

Mesolithic site Concheiro Cabeço da Amoreira (Muge). Coordination of Nuno Ferreira Bicho. 2008.

Paleolithic site of Vale Boi (Vila do Bispo). Coordination of Nuno Ferreira Bicho, Universidade do Algarve. 2008.

Paleolithic site of Vale Boi (Vila do Bispo). Coordination do Nuno Ferreira Bicho, Universidade do Algarve. 2007

Paleolithic site of Jonzac (França). Coordination de Shannon McPherron, Marie Sorresi e Jean Jacques Hublin, Max-Planck Institute for Evolutionary Anthropology. 2007.